

DCA13MR002
Conrail - Shared Assets
Derailment/Hazardous Material Release
Paulsboro, New Jersey
November 30, 2012

Hazardous Materials Group Factual Report

ATTACHMENT 31 - OXY VINYLS EXPLANATION OF AIR MONITORING ACTIVITIES

El-Zoghbi Muhamed

From: Thomas_Wutka **** PII ****
Sent: Friday, January 04, 2013 12:47 PM
To: El-Zoghbi Muhamed
Cc: Alexis_Thomason **** PII ****; Stancil Paul; Thomas_Wutka **** PII ****
Subject: FW: NTSB Information Request For Investigation DCA-13-MR-004 (Paulsboro, NJ)
Attachments: Paulsboro_Session 3_09050X6-003.pdf; Paulsboro_Session 4_09050X6-003.pdf; Paulsboro_Session 5_09050X6-003.pdf; Paulsboro_Session 1_09050X6-004.pdf; Paulsboro_Session 2_09050X6-004.pdf; Calibration and Bump Test Record.pdf; 1130121034.jpg; 1130121034a.jpg; 1130121034b.jpg; 1130121111.jpg; 1130121111a.jpg; 1130121111b.jpg; 1130121111c.jpg; 1130121112.jpg

Sensitivity: Confidential

Mr. El-Zoghbi,

Plant personnel brought meters to the derail site at the request of Gloucester County Emergency Management. The meters are calibrated and "bump-checked" per manufacturer recommendations, so we believe them to be accurate. Meter 09050X6-003 was left with one of the local on-scene responders (Jim Hauck). We retrieved this meter several days later. Oxy Vinyls' personnel maintained possession of meter 09050X6-004, which was brought back to the plant that day.

Our responses to your questions are below.

I will send subsequent emails with all of the pictures that were taken. My initial attempt to send them to all to you at once failed due to the size of the files.

Please let me know if you need any more information.

Tom Wutka
OxyVinyls Pedricktown

**** PII ****

From: El-Zoghbi Muhamed **** PII ****
Sent: Thursday, December 20, 2012 10:45 AM
To: Wutka, Thomas
Cc: Thomason, Alexis A; [paul.stancil](#) **** PII **** Southworth Jim
Subject: NTSB Information Request For Investigation DCA-13-MR-004 (Paulsboro, NJ)

Mr. Wutka:

A review of Fire Department communications indicates that Oxy Vinyl personnel were on-scene at approximately 9:33 am on the morning of the accident with 2 meters that were being deployed. I am writing to obtain additional information about Oxy Vinyls' involvement in the incident command post.

I would like to obtain the following information:

- The type of monitors that were on-scene and their capabilities.
The monitors that were brought on-site are Industrial Scientific MX6 iBrid portable multi-gas monitors. These instruments are equipped with O2, CO2, LEL, and PID sensors for organic/VCM detection.

- Copies of downloadable data from the instrumentation (if available).
Attached are scans of the reports generated from the two units (09050X6-003 and 09050X6-004). Also included are copies of the calibration and “bump” certificates for both units.
A few comments on the data:
 - 1) You will note that the time is off one hour from actual time. The time on these meters has not been adjusted back to standard time.
 - 2) The report shows ppm of isobutylene. This is what we use to calibrate the meters. The response factor for VCM (~1.9) has to be applied to these values (the values must be multiplied by 1.9) to get the concentration of vinyl chloride.
 - 3) For the bumps tests for CO and LEL, the program looks to see that >50% of the expected reading is achieved within a 60 second time-frame. If so, the system says the meter “PASSED”.
- Any air monitoring reports, summaries, records or assessments conducted by Oxy Vinyl personnel.
N/A – this was not done
- Detailed information about who was provided air monitoring readings at the incident command.
We are not sure, but believe this information is available from the incident command logs.
- Any incident assessment reports or other documentation of Oxy Vinyls’ involvement in the response.
N/A – none were generated.
- Any after-action reports or summaries related to activities performed by Oxy Vinyl employees while on-scene.
N/A – none were generated.
- Identity and contact information of Oxy Vinyl personnel that arrived on-scene. Please include a brief description of their level of involvement.
Michael Morrison – HESS Specialist (856) **** PII ****. Mr. Morrison was available to respond to questions on use of the gas detection instruments.
- Any photographs taken by Oxy Vinyl responding personnel.
See attached.

Your prompt assistance is greatly appreciated. If you have any questions related to this information request, please contact me directly at (202) **** PII **** or at (202) **** PII ****.

Sincerely,

Muhamed A. El-Zoghbi
Safety Engineer/HAZMAT Accident Investigator
Office of Railroad, Pipeline and Hazardous Materials Investigations
National Transportation Safety Board (NTSB)
Tel.: (202) **** PII ****
Mobile: (202) **** PII ****

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